

B1
Cont.

4. (Once Amended) The appliance as claimed in claim 1, wherein the control stage during operation feeds an analog signal to the electric motor.

5. (Once Amended) The appliance as claimed in claim 4, wherein the analog signal contains a spectrum of the audible signals to be emitted by the electric motor.

6. (Once Amended) The appliance as claimed in claim 5, wherein the analog signal contains frequency mixes for generating at least one of audible speech and music signals from the motor.

7. (Once Amended) The appliance as claimed in claim 4, wherein the analog signal is a unipolar signal.

8. (Once Amended) The appliance as claimed in claim 4, wherein the analog signal is a bipolar signal.

9. (Once Amended) The appliance as claimed in claim 1, wherein during operation the control stage feeds digital signals to the electric motor.

10. (Once Amended) The appliance as claimed in claim 9, wherein the digital signals are pulse-duration-modulated signals and have an essentially constant maximum amplitude.

11. (Once Amended) The appliance as claimed in claim 9, wherein the digital signals have a fundamental frequency that represents the pitch of the audible signals.

12. (Once Amended) The appliance as claimed in claim 1, wherein the energy signal has a time average that lies below a signal threshold value that causes the electric motor to start up.

B1
Cont. 13. (Once Amended) The appliance as claimed in claim 12, wherein the signal threshold value varies in response to the signal frequency.

14. (Once Amended) The appliance as claimed in claim 1, wherein the energy signal has no frequencies below a frequency threshold value that causes the electric motor to start up.

15. (Once Amended) The appliance as claimed in claim 1, wherein the control stage is configured to generate a time delay between the instant the electric motor is shut off as a driving mechanism and the instant the electric motor is operated as an electroacoustic transducer.

16. (Once Amended) The appliance as claimed in claim 1, wherein the electric motor has a brake.

17. (Once Amended) The appliance as claimed in claim 1, wherein the electric motor has a rotor and a device for positioning the rotor in a defined position of rest when the motor is off.

18. (Once Amended) The appliance as claimed in claim 1, wherein, for optimization of the efficiency in terms of acoustic power output, the electric motor is equipped with an accordingly adapted motor housing or motor housing material.

19. (Once Amended) The appliance as claimed in claim 1, further comprising at least one of ribs, hard parts and mechanical elements located between the housing and the electric motor to optimize the acoustic emission of the appliance.

20. (Once Amended) The appliance as claimed in claim 1, wherein the control stage comprises a signal generator and a driving stage that connects to the energy supply on one side and to the signal generator on the other side.

B1
conc.

21. (Once Amended) The appliance as claimed in claim 1, wherein the appliance is constructed as one of a toothbrush, an oral irrigator, a shaver, and a household machine.--

B2
Add claims 22-25:

--22. The appliance as claimed in claim 1, wherein the electric motor is a direct-current motor.--

--23. The appliance as claimed in claim 5, wherein the analog signal is a voltage signal.--

--24. The appliance as claimed in claim 13, wherein the signal threshold value rises with the frequency.

--25. The appliance as claimed in claim 16, wherein the brake is one of a mechanical brake with a constant braking torque and a start-up brake with a braking torque that decreases after the motor starts up.--

SEARCHED - INDEXED - SERIALIZED - FILED